

SEQUENCE LISTING

5 1) GENERAL INFORMATION:

(i) APPLICANT: LYNX Therapeutics, Inc.

10 (ii) TITLE OF INVENTION: System and Apparatus for Sequential Processing of Analytes

(iii) NUMBER OF SEQUENCES: 19

15 (iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Dehlinger & Associates

(B) STREET: P.O. Box 60850

(C) CITY: Palo Alto

(D) STATE: California

20 (E) COUNTRY: USA

(F) ZIP: 94306

(v) COMPUTER READABLE FORM:

25 (A) MEDIUM TYPE: 3.5 inch diskette

(B) COMPUTER: IBM compatible

(C) OPERATING SYSTEM: Windows 95

(D) SOFTWARE: Microsoft Word for Windows, vers. 7.0

(vi) CURRENT APPLICATION DATA:

30 (A) APPLICATION NUMBER:

(B) FILING DATE:

(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

35 (A) APPLICATION NUMBER: 08/862,610

(B) FILING DATE: 23-MAY-97

(viii) ATTORNEY/AGENT INFORMATION:

40 (A) NAME: Vincent M. Powers

(B) REGISTRATION NUMBER: 36,246

(C) REFERENCE/DOCKET NUMBER: 5525-0035.41

(ix) TELECOMMUNICATION INFORMATION:

45 (A) TELEPHONE: (650) 324-0880

(B) TELEFAX: (650) 324-0960

(2) INFORMATION FOR SEQ ID NO: 1:

50 (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 78 nucleotides

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

55

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

ACTAATCGTC TCACTATTTA ATTAANNNNNN NNNNNNNNNN 40
5 NNNNNNNNNN NNNNNNNGGT TTTTTTTTTT TTTTTTTT 78

(2) INFORMATION FOR SEQ ID NO: 2:

10 (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 17 nucleotides
(B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear

15 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

ATAGGGGTCT TCGGTAC 17

20 (2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 19 nucleotides
25 (B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

30 GATCAGCTGC TGCAAATTT 19

(2) INFORMATION FOR SEQ ID NO: 4:

35 (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 30 nucleotides
(B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear

40 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

ANNNTACAGC TGCATCCCTT GCGCTGAGG 30

45 (2) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 30 nucleotides
50 (B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

NANNTACAGC TGCATCCCTG GGCCTGTAAG

30

5

(2) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:

- 10 (A) LENGTH: 30 nucleotides
(B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear

15 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

CNNNTACAGC TGCATCCCTT GACGGGTCTC

30

20

(2) INFORMATION FOR SEQ ID NO: 7:

(i) SEQUENCE CHARACTERISTICS:

- 25 (A) LENGTH: 30 nucleotides
(B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear

xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

NCNNTACAGC TGCATCCCTG CCCGCACAGT

30

30

(2) INFORMATION FOR SEQ ID NO: 8:

(i) SEQUENCE CHARACTERISTICS:

- 35 (A) LENGTH: 30 nucleotides
(B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

40

GNNNTACAGC TGCATCCCTT CGCCTCGGAC

30

(2) INFORMATION FOR SEQ ID NO: 9:

(i) SEQUENCE CHARACTERISTICS:

- 45 (A) LENGTH: 30 nucleotides
(B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear

50

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

NGNNTACAGC TGCATCCCTG ATCCGCTAGC 30

5

(2) INFORMATION FOR SEQ ID NO: 10:

(i) SEQUENCE CHARACTERISTICS:

- 10 (A) LENGTH: 30 nucleotides
(B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

15

TNNNTACAGC TGCATCCCTT CCGAACCCGC 30

(2) INFORMATION FOR SEQ ID NO: 11:

20 (i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 30 nucleotides
(B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear

25 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

NTNNTACAGC TGCATCCCTG AGGGGGATAG 30

(2) INFORMATION FOR SEQ ID NO: 12:

30

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 30 nucleotides
(B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear

35

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:

NNANTACAGC TGCATCCCTT CCGCTACAC 30

40

(2) INFORMATION FOR SEQ ID NO: 13:

(i) SEQUENCE CHARACTERISTICS:

- 45 (A) LENGTH: 30 nucleotides
(B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear

50 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:

NNNATACAGC TGCATCCCTG ACTCCCCGAG 30

(2) INFORMATION FOR SEQ ID NO: 14:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 30 nucleotides
(B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:

NNCNTACAGC TGCATCCCTG TGTTGCGCGG 30

(2) INFORMATION FOR SEQ ID NO: 15:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 30 nucleotides
(B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:

NNNCTACAGC TGCATCCCTC TACAGCAGCG 30

(2) INFORMATION FOR SEQ ID NO: 16:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 30 nucleotides
(B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:

NNGNTACAGC TGCATCCCTG TCGCGTCGTT 30

(2) INFORMATION FOR SEQ ID NO: 17:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 30 nucleotides
(B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:

NNNGTACAGC TGCATCCCTC GGAGCAACCT 30

5

(2) INFORMATION FOR SEQ ID NO: 18:

(i) SEQUENCE CHARACTERISTICS:

- 10 (A) LENGTH: 30 nucleotides
(B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:

15

NNTNTACAGC TGCATCCCTG GTGACCGTAG 30

(2) INFORMATION FOR SEQ ID NO: 19:

20

(i) SEQUENCE CHARACTERISTICS:

- 25 (A) LENGTH: 30 nucleotides
(B) TYPE: nucleic acid
(C) STRANDEDNESS: double
(D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:

NNNTTACAGC TGCATCCCTC CCCTGTCGGA 30